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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAY 01	New CAS web site launched
NEWS	3	MAY 08	CA/CAPplus Indian patent publication number format defined
NEWS	4	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	7	MAY 21	CA/CAPplus enhanced with additional kind codes for German patents
NEWS	8	MAY 22	CA/CAPplus enhanced with IPC reclassification in Japanese patents
NEWS	9	JUN 27	CA/CAPplus enhanced with pre-1967 CAS Registry Numbers
NEWS	10	JUN 29	STN Viewer now available
NEWS	11	JUN 29	STN Express, Version 8.2, now available
NEWS	12	JUL 02	LEMBASE coverage updated
NEWS	13	JUL 02	LMEDLINE coverage updated
NEWS	14	JUL 02	SCISEARCH enhanced with complete author names
NEWS	15	JUL 02	CHEMCATS accession numbers revised
NEWS	16	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	17	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	18	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	20	JUL 30	USGENE now available on STN
NEWS	21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	22	AUG 06	BEILSTEIN updated with new compounds
NEWS	23	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	24	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	25	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS EXPRESS	29	JUNE 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:08:27 ON 20 AUG 2007

=> file medline, uspatful, dgene, embase, wpids, biosis, scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'MEDLINE' ENTERED AT 11:09:22 ON 20 AUG 2007

FILE 'USPATFULL' ENTERED AT 11:09:22 ON 20 AUG 2007  
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=> file medline, (osteochondral graft and BMP)  
'OSTEOCHONDRA' IS NOT A VALID FILE NAME  
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files  
that are available. If you have requested multiple files, you can  
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ENTER A FILE NAME OR (IGNORE):end

=> s (osteochondral graft and BMP)  
L1 27 (OSTEOCHONDRA GRAFT AND BMP)

=> s l1 and (applied to graft)  
L2 0 L1 AND (APPLIED TO GRAFT)

=> s l1 and (repair articular cartilage)  
L3 3 L1 AND (REPAIR ARTICULAR CARTILAGE)

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 3 USPATFULL on STN  
TI Shaped osteochondral grafts and methods of using same  
AB Described are plug grafts and in particular embodiments osteochondral  
plug grafts and grafting methods which utilize unique plug geometries  
and cooperative graft/host tissue interfaces to improve stability of  
grafted plugs within host tissue. Embodiments of the invention include  
harvested osteochondral or synthetic plug grafts having bore geometries  
other than circular cylinders and which are implantable in  
correspondingly prepared host sites to resist rotation and improve  
stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:289794 USPATFULL

TITLE: Shaped osteochondral grafts and methods of using same

INVENTOR(S): McKay, William F., Memphis, TN, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2006247790 A1 20061102  
 APPLICATION INFO.: US 2005-120136 A1 20050430 (11)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: WOODARD, EMHARDT, MORIARTY, MCNETT & HENRY LLP, 111  
 MONUMENT CIRCLE, SUITE 3700, INDIANAPOLIS, IN,  
 46204-5137, US

NUMBER OF CLAIMS: 91  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 6 Drawing Page(s)  
 LINE COUNT: 912  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 3 USPATFULL on STN  
 TI Trabecular bone-derived human mesenchymal stem cells  
 AB The present invention discloses an in vitro engineered  
 osteochondral graft comprising a porous matrix block,  
 more particularly, a porous polylactic acid polymer block, press-coated  
 with mesenchymal stem cells (MSCs), wherein a cartilage layer is formed  
 on the surface of the matrix block. This invention may be used for  
 treating articular cartilage defects.

ACCESSION NUMBER: 2003:72422 USPATFULL  
 TITLE: Trabecular bone-derived human mesenchymal stem cells  
 INVENTOR(S): Noth, Ulrich, Wurzburg, GERMANY, FEDERAL REPUBLIC OF  
 Tuan, Rocky S., Chester Springs, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003050709	A1	20030313
APPLICATION INFO.:	US 2002-82705	A1	20020225 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270977P	20010223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	David S. Resnick, NIXON PEABODY LLP, 101 Federal Street, Boston, MA, 02110	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	852	

L3 ANSWER 3 OF 3 USPATFULL on STN  
 TI Scaffold matrix and tissue maintaining systems  
 AB The invention concerns a scaffold which is used as a growth supportive  
 base for various cells and tissue explants from three-dimensional tissue  
 comprising naturally derived connective or skeletal tissue into attached  
 flakes having a very high porosity. Alternatively the scaffold is  
 composed of fused epiphyses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:16925 USPATFULL  
 TITLE: Scaffold matrix and tissue maintaining systems  
 INVENTOR(S): Nevo, Zvi, Herzliya, ISRAEL  
 Robinson, Dror, Shimshon, ISRAEL  
 PATENT ASSIGNEE(S): RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH &  
 INDUSTRIAL DEVELOPMENT LTD. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002009805	A1	20020124

US 6652872                      B2    20031125  
APPLICATION INFO.:            US 2001-826389            A1    20010404    (9)  
RELATED APPLN. INFO.:       Continuation-in-part of Ser. No. US 1999-345138, filed  
                                 on 6 Jul 1999, PENDING  
DOCUMENT TYPE:                Utility  
FILE SEGMENT:                APPLICATION  
LEGAL REPRESENTATIVE:       LADAS & PARRY, 26 WEST 61ST STREET, NEW YORK, NY, 10023  
NUMBER OF CLAIMS:            32  
EXEMPLARY CLAIM:            1  
NUMBER OF DRAWINGS:         10 Drawing Page(s)  
LINE COUNT:                  903  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, BIOSIS, SCISEARCH'  
ENTERED AT 11:09:22 ON 20 AUG 2007

L1            27 S (OSTEOCHONDRAL GRAFT AND BMP)  
L2            0 S L1 AND (APPLIED TO GRAFT)  
L3            3 S L1 AND (REPAIR ARTICULAR CARTILAGE)

=> s (BMP coated osteochondral graft)

L4            0 (BMP COATED OSTEOCHONDRAL GRAFT)

=> s (bone morphogenetic protein and coated graft)

L5            0 (BONE MORPHOGENETIC PROTEIN AND COATED GRAFT)

=> s (bone morphogenetic protein applied to graft)

L6            0 (BONE MORPHOGENETIC PROTEIN APPLIED TO GRAFT)

## Refine Search

### Search Results -

Terms	Documents
L6 and L3	1

Database:

**US Pre-Grant Publication Full-Text Database**

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

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### Search History

DATE: Monday, August 20, 2007

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result set

DB=PGPB; PLUR=YES; OP=OR

L7 L6 and l31 L7L6 peluso.in.50 L6

DB=USPT; PLUR=YES; OP=OR

L5 L4s l3 and l218295 L5

DB=PGPB; PLUR=YES; OP=OR

L4 L3 and l20 L4L3 Zhang.in.9330 L3

DB=USPT; PLUR=YES; OP=OR

L2 L1 and (graft coated with BMP)22665 L2L1 (osteochondral graft) and (bone morphogenetic protein)22739 L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040192605 A1

L7: Entry 1 of 1

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040192605

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040192605 A1

TITLE: Methods and compositions for healing and repair of articular cartilage

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Zhang</u> , Renwen	Rutherford	NJ	US
<u>Peluso</u> , Diane	Marshfield	MA	US
Morris, Elisabeth	Sherborn	MA	US

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. D.
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Terms	Documents
L6 and L3	1

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